Paper ID: 80628 student

IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM (A1) Late Breaking abstracts (LBA) (LBA)

Author: Mr. Miguel Correa Comision Colombiana del Espacio, Colombia, miguel_correa@javeriana.edu.co

MARTIAN BIOSPHERE

Abstract

The Martian Biosphere project an architectural design of a multiple habitat for the welling and permanent interrelationship of several terrestrial species, including man, on the planet mars, in response to the problem of how and in what way it will be lived for the human being to the red planet in 2035, corresponding to the manned space missions of NASA and Space X. For this reason, a project with an architectural scope is elaborated where a scheme of space and technical strategies is proposed to satisfy the needs of life in an environment not favorable for its survival, where architecture puts its cards to make manned space exploration possible and more than real for the future of an interplanetary civilization.